
**CONSTRUCTION MANAGER'S
WEEKLY STATUS REPORT
FOR THE WEEK
1/22/09 – 1/28/09**

**RECONSTRUCTION OF BENNING ROAD, NE
FROM 14TH AND H STREET TO OKLAHOMA AVENUE
CONTRACT NO. POKA 2005 - C - 0031 – CB**



Installation of the 24" ductile iron pipe at the corner of Morse Street and Bladensburg Road.



Benning Rd Reconstruction
Project Field Office
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EXECUTIVE SUMMARY

Project Description

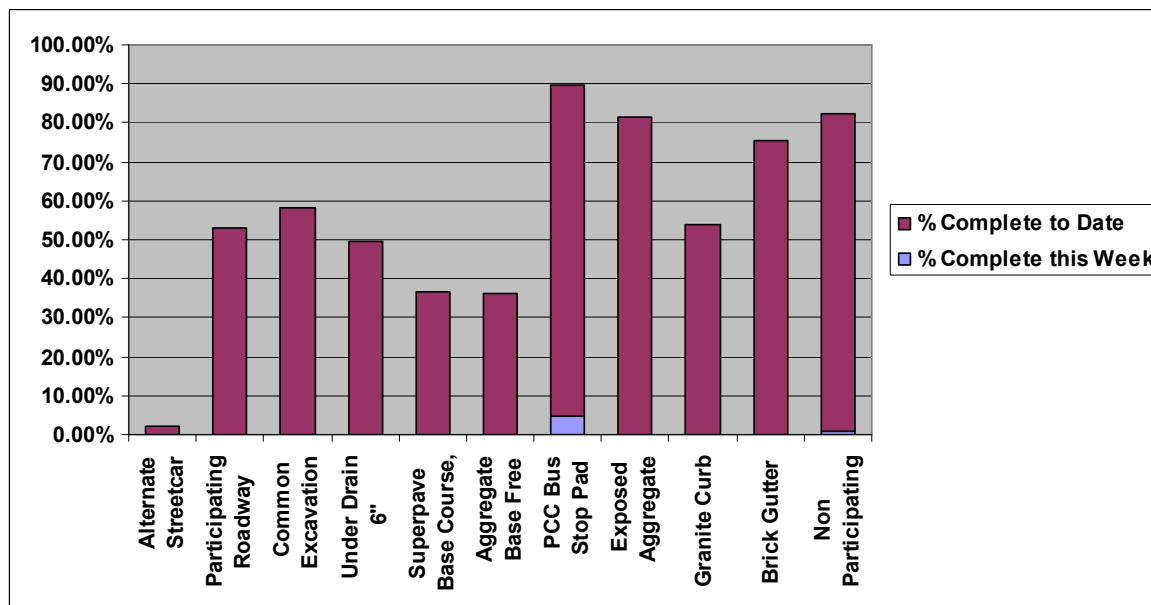
The project involves the phased reconstruction of the eastbound and westbound Benning Road, NE from 14th and H Street to Oklahoma Ave. The project also includes portions of Maryland Avenue and Bladensburg Road. Work on the project includes the following:

- Pavement Restoration with the placement of brick gutter and granite curbs adjacent to asphalt over aggregate sub base.
- Sidewalk restoration featuring exposed aggregate sidewalks surface treatment
- Safety Improvements—crosswalks, wheel chair ramps, and driveway entrances
- Streetlight and Traffic Signal Upgrades—Pedestrian level lighting, improved streetlights, upgraded traffic signal and timing
- Drainage Upgrades—New inlet basins, sewer line upgrades
- DCWASA-upgrades to water main lines
- Landscaping upgrades featuring the construction of the Starburst Plaza which will include a historical mural and multiple outdoor attractions for the neighborhood.
- Streetcar tracks: DDOT plans to install tracks from the intersection of Oklahoma Avenue and Benning Road to 3rd Street along H Street. Tracks will be installed on the eastbound and westbound lanes.
- Coordination with multiple utility companies performing construction activities within the project limits.

The total value of the contract at award to Capitol Paving of DC, Inc. is \$35,448,123.90. The notice to proceed date was December 12, 2007 with project duration of 730 calendar days for scheduled completion date of December 11, 2009.

Progress

Percent complete for Alternate Streetcar Work, Participating Roadway and WASA work are shown in the graph below. Participating Roadway is further broken down in the following key activities: Common Excavation, Under Drain 6", 19 mm Asphalt Placement, 25 mm Free Drain Placement. Bus Stop Pads, Exposed Aggregate Sidewalk, Granite Curb and Gutter.



Issues and Resolutions:

- Overhead Cantanery System foundations information clarification received from the designer Delon Hampton Associates in the resolution of the request for information. The locations of the OCS foundations were detailed in new design sheets submitted. The information labels each OCS foundation on the plan and corresponds with the table information in the current design. Single caisson type and bridge type OCS foundation types have been differentiated at each location. DHA also confirmed that the total of 65 OCS foundations that are listed in the new information is correct.
- The recommendation to eliminate the streetlight L75, near Oklahoma Ave and Benning Road, was given by the designer RMA/ KCI. DDOT concurred with this recommendation. Transformers are in the proposed location of the new street light arm. PEPCO review of the alternative solution of relocation/ removal of the transformers and/ or installing taller poles to increase the height of the

primary electric line revealed that the timing of the process would be approximately 6 months and costs would be billable to DDOT and would involve movement of several poles. Response and analysis from RMA/ KCI revealed the illumination standard is met with the elimination of L75.

- Work on the Starburst Area PEPCO distribution line construction, between 14th Street and 16th started 12-8-08. The projected completion date for this work is 5/1/09. Presently, PEPCO is not maintaining the schedule due to design issues that have arisen due to the field conditions. Every day past the 5/1/09 projected completion date will result in a day claimed for further delay by CPDC.
- Progress by PEPCO on the on the Feederline Replacement work has slowed between 18th Street and 19th Street due to issues in tunneling under existing utilities. A definite completion date is uncertain at this time but was expected by 12/31/08. The expectation of the completion is extended to near the end of January 2009.
- Delays in the removal of and replacement of the northbound curb lane have resulted due to the tunneling work by PEPCO at 19th Street. Capitol began the removal and replacement of the north bound curb lane on 11/6/08. Completion and progress of this work is dependent upon the progress and completion of the PEPCO Feederline Replacement work.

WORK PERFORMED

For the week ending January 28, 2009, the following specific construction progress has been made in the areas listed:

1. Thursday 1/22:

Benning Road:

Saw cutting work of asphalt edge 2nd lane from north bound curb lane between Oklahoma Ave and 142+95. Form work and compaction in preparation for the Bus pad installation at the 19th Street south side intersection. Advised to change regular traffic signal foundation to saddle foundation do to existing obstacles at the north east corner of 19th Street. Installation of formwork for the placement of concrete for the street light pole foundation #'s L27, L28, L30 between 18th Street and 19th Street. Installation of formwork for the placement of concrete for the street light pole foundation L25 at 18th Street. Traffic light and street light cable damaged during excavation work by PEPCO. DDOT notified and the repairs were made within 1.5 hours by the DDOT Electrical Division.



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PEPCO work:

Continuation of the tunneling operations at the south east corner of 19th Street. Continuation of the hand digging at the north east corner of 17th Street. Excavation at the south east corner of 15th Street. Pumping out the excavation at the 1500 Block. Continuation of the excavation and hand digging of MH41 at Florida Ave.

2. Friday 1/23:

Benning Road:

Placement of the graded aggregate base and the compaction of the graded aggregate base center lane at 21st Street. Compaction of the graded aggregate base for the installation of the bus stop pad at the south west corner of 19th Street. Installation of 1-3 section conventional traffic signal, the installation of the microwave vehicle protector and the installation of the 3 part LED module at Pole "B" at 21st Street. Installation of the 8' long mast arm with clamp and remote vehicle end cap at Pole "C" at 21st Street. Installation of 44 LF of #4 conductor – 18 AWG shielded stranded electrical traffic signal cable and the installation of the 3 part LED module at Pole "C" at 21st Street. Installation of the PCC foundations for the pendent post street light pole for L27, L28, L30 and L32 between 18th Street and 19th Street. Installation of the concrete foundation for the pendant post street light pole for L25 at the south west corner of 18th Street.

PEPCO work:

Placement of concrete for the installation of concrete for the bus stop pad no the north Side at the 1700 Block. Continuation of excavation of the roadway at the 1800 Block. Continuation of the tunneling work at 19th Street. Continuation of the hand-digging and shoring of the trench. Discovery of a 24" existing sewer at the depth of 7' at the location of the proposed new manhole at Florida Ave. Continuation of the pumping out of the excavation at the 1500 Block.

3. Saturday 1/24:

Benning Road:

Excavation of the roadway at the southside of the 1500 Block heading eastbound to 16th Street.

4. Sunday 1/25:

No work completed.



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5. Monday 1/26:

Benning Road:

Compaction of the graded aggregate base between 21st Street and 26th Street. Installation of the 1-8' long mast arm with clamp and removable end cap with the installation of the 3 part LED module at the north east corner of 19th Street. Grading work at the south side at the 1600 Block.

Morse Street/ Bladensburg:

Installation of 6.7 LF of 24" ductile iron pipe at the north west corner.

PEPCO work:

Continuation and completion of the tunneling work at 19th Street. Work on the excavation of the trenching, hand digging around utilities and the installation of the shoring of the trench. Test pitting at the curb at PEPCO man hole at Florida Ave.

6. Tuesday 1/27:

PEPCO work:

Work on the excavation of the trenching, hand digging around utilities and the installation of the shoring of the trench at 18th Street.

7. Wednesday 1/28:

No work completed due to the weather.

Utilities Reconstruction Update 1-28-09

PEPCO:

Distribution Line Duct Bank Construction:

Manholes Completed:	20	Total Manholes:	20	%Complete:	100%
12 Way Length Complete:	7764'	Total Length:	7764'	%Complete:	100%
14 Way Length Complete:	1619'	Total Length:	1619'	%Complete:	100%
10 Way Length Complete:	34'	Total Length:	34'	%Complete:	100%

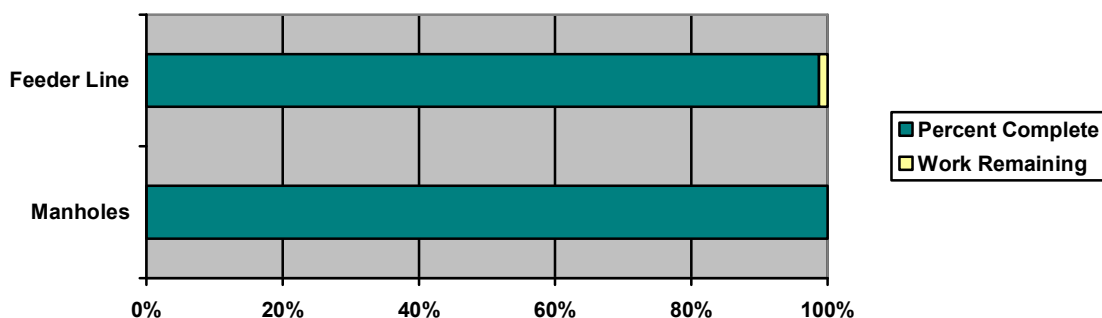
PEPCO Feeder Line Replacement:

4085' total feeder
6 Manholes total

4033 feet complete
6 completed

98.73% complete
100% complete

Work has started on 9/11/08. Initial saw cutting of the roadway was completed on 9/10/08. Expected duration is 180 days. PEPCO stated that the additional time needed for the feeder line replacement would be 3 weeks. New anticipated completion date is 2/20/09.



- 30 feet of feeder line was installed in the tunneling area at 19th Street, within this weekly report period.
- PEPCO stated that the additional time needed for the feeder line replacement would be 3 weeks.

Starburst Distribution Line Duct Bank Construction:

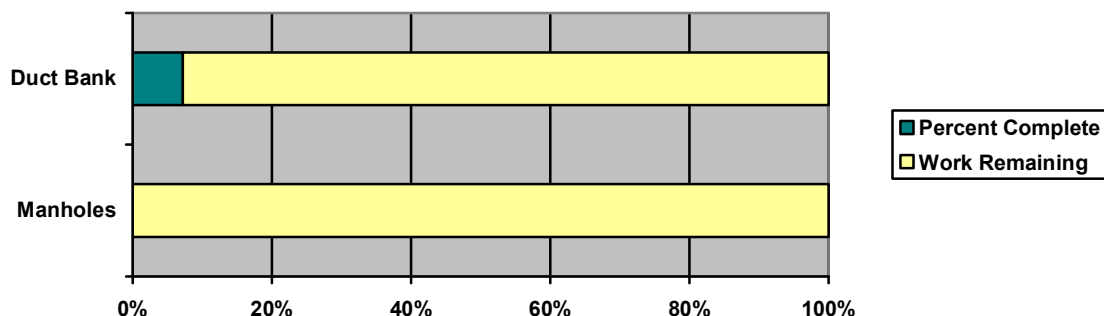
Start: 11/24/08

Completion: 05/01/09

2363' total feet of ductbank
5 Manholes total

170 feet complete
0 completed

7.19% complete
0% complete





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- 30 feet of duct bank construction completed within this report period.
- This activity is on a critical path and is a major concern on its completion, in order for other work by Capitol Paving to continue and be completed on time. Each potential day past the 5-1-09 tentative completion date will continue to affect the CPDC project timing.
- PEPCO to work with CPDC on the repair work required by the potential damage by PEPCO in the Starburst area work. The newly installed curb and gutter work by CPDC at Florida Ave and H Street has been removed by PEPCO in order to perform test pitting and excavation work in the installation of a manhole and distribution line work in the area. PEPCO to work with CPDC on the repairs required.

Washington Gas:

Project Totals:

Completed Connections:	77	Total Connections	77	%Complete:	100%
Gas Main install complete:	4615'	Total Length	4615'	%Complete:	100%

- Remaining work on Benning Road has been completed. Project total completion is 100%.
- Washington Gas will return to reconnect the offset that was put in to accommodate the PEPCO tunnel at 19th Street, upon completion of the PEPCO work in that area.

Clear Channel:

Work on the dismantling and removal of the two shelters began on 1-21-09 and completed on 1-22-09. The sidewalk pavement excavation was repaired with temporary asphalt. Relocation of the bus stop shelters will occur upon the completion of the excavation and curb installations by CPDC in the starburst area. Schedule for the reinstallation is to be determined.



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Attachment A:

**RECONSTRUCTION OF BENNING ROAD N.E.
TWO WEEK LOOK AHEAD SCHEDULE
STARTING 2-02-09 TO 2-14-09**

Starburst Plaza

- 2.2.09 Start installing Chain Link Fence
- 2.4.09 Set up MOT (close MD Ave)
- 2.4.09 Start Removing Trees (4 days)
- 2.4.09 Start Demo of Roadway (2 days)

16th St & 1500 Benning S/S

- 2.2.09 Continue Roadway Excavation (5 days)

1700 - 1900 blk Benning Rd. N/S

- 2.2.09 Continue Roadway excavation (10 days)
- 2.4.09 1900 blk - Start Roadway excavation (7 days)
- 2.4.09 1900 blk – Set up MOT

21st St to Project Limit (Metro overpass) N/S (PH2)

- 2.4.09 Fine Grade for Density Test (6 days)
- 2.4.09 Layout + Form for asphalt at street car track (7 days)

Watermain work (WASA)

- 2.2.09 Continue with 24" Watermain "D" (10 days)
- 2.3.09 15th St - 8" Watermain "H" tie-in (night work)
- 2.5.09 1400 blk H St (N/S+S/S) - 8" Watermain "F" tie-in (night work)

Nationwide Electrical Work

- Set SL poles as permitted
- 2.2.05 Continue to install accessories on SL/TS poles
- 2.3.09 SL foundations (4 days)

Benning Rd

- 2.2.09 Erosion Control (10 days)
- 2.2.09 MOT (10 days)
- 2.2.09 Jobsite maintenance (10 days)



Preparation of the grading and geo fabric for the placement of the bus pad at 19th Street.



Placement of the concrete at the manhole for the bus stop at the 1900 Block.



Installation of 6.7 LF of 24" ductile iron pipe at the north west corner Morse Street and Bladensburg Road.



Delivery and placement of concrete at the bus stop installation at 19th Street.



Resetting of the manhole frame and cover in preparation of the bus pad installation at 19th Street.



Placement of concrete and finish work in the installation the bus stop pad at 19th Street.